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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known			
				Application Number			
				Filing Date		October 5, 2001	
				First Named Inventor		Jun KOYAMA et al.	
				Group Art Unit			
				Examiner Name			
				Attorney Docket Number		740756-2368	
Sheet	1	of	1				

U.S. PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number	Kind Code ² (if known)				
		6,177,920		Koyama et al.	01/23/2001		
		6,162,704		Yamazaki et al.	12/19/2000		
		5,936,698		Koyama	08/10/1999		
		5,907,313		Kubota et al.	05/25/1999		
		5,929,464		Yamazaki et al.	07/27/1999		

FOREIGN PATENT DOCUMENTS								
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 09/970929
 01040 U.S. PTO

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	09/970,929
Filing Date	October 5, 2001
First Named Inventor	Jun KOYAMA et al.
Group Art Unit	2675
Examiner Name	A. Nelson
Attorney Docket Number	0756-2368

Sheet 1 of 1

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		Number	Kind Code ² (if known)			
JUN		6,731,273		Koyama et al.	05/04/2004	
		2004/0201410		Koyama et al.	10/14/2004	
		2002/0021295		Koyama et al.	02/21/2002	
		2002/0024485		Koyama	02/28/2002	
		2002/0041266		Koyama et al.	04/11/2002	
		5,574,475		Callahan, Jr. et al.	11/12/1996	
		5,214,417		Yamazaki	05/25/1993	
		5,563,624		Imamura	10/08/1996	
		5,250,931		Misawa et al.	10/05/1993	
		5,323,171		Yokouchi et al.	06/21/1994	
		5,644,259		Shishikura et al.	07/01/1997	
		3,742,142		Martin	06/26/1973	
		5,343,221		Arakawa et al.	08/30/1994	
		4,746,915		Sekiya	05/24/1998	
		5,051,739		Hayashida et al.	09/24/1991	
		6,897,847		Koyama et al.	05/24/2005	
		6,476,791		Koyama et al.	11/05/2002	
		6,295,047		Koyama et al.	09/25/2001	
		5,949,397		Koyama et al.	09/07/1999	

FOREIGN PATENT DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴	Kind Code ³ (if known)				
JUN		JP	2002-118458			04/19/2002		Abst.
		JP	2002-132234			05/09/2002		Abst.
		JP	2002-149138			05/24/2002		Abst.
		JP	2002-196306			07/12/2002		Abst.
		JP	55-146490			11/14/1980		None
		JP	63-073295			04/02/1988		None
		JP	02-105194			04/17/1990		Abst.
JUN		JP	06-104416			04/15/1994		Abst.

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			No

Examiner Signature

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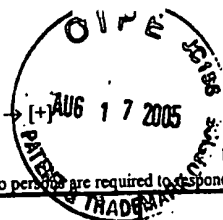
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<i>[Signature]</i>		4,746,915		Sekiya	05/24/1988	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
<i>[Signature]</i>		EP	0 269 744			06/08/1988		Eng.

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			No

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